

DECLARATION
Utility Application

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled **TUNABLE SUPERCONDUCTING RESONATOR AND METHODS OF TUNING THEREOF** the specification of which

(Check One) is attached hereto OR
 was filed on _____ as United States Application Serial No. _____ or PCT International Application No. _____ and was amended on _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment(s) referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, § 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Date of Filing	Priority Claimed Yes	Priority Claimed No

I hereby claim the benefit under Title 35, United States Code §119(e) of any United States provisional application(s) listed below.

Application Number(s)	Filing Date

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s), or § 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

U.S. Parent Application Number	Parent Filing Date	Status-Patented, Pending or Abandoned
Continuation of Serial No. 09/970,842, which is a continuation of Serial No. 07/934,921	October 10, 2001 August 25, 1992	Allowed Issued as USP 6,335,622

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Title 18, United States Code, § 1001 and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

201	FULL NAME OF INVENTOR	FIRST Name Robert	MIDDLE Initial B	LAST Name HAMMOND
	RESIDENCE & CITIZENSHIP	City Santa Barbara	State or Foreign Country California	Country of Citizenship USA
	POST OFFICE ADDRESS	3245 Campanil Drive	City Santa Barbara	State or Country California

INVENTOR'S SIGNATURE

DATE 3/12/03

202	FULL NAME OF INVENTOR	FIRST Name Jonathan	MIDDLE Initial Z.	LAST Name SUN
	RESIDENCE & CITIZENSHIP	City Shrub Oak	State or Foreign Country New York	Country of Citizenship USA
	POST OFFICE ADDRESS	1466 Iroquois Street	City Shrub Oak	State or Country New York

INVENTOR'S SIGNATURE

DATE 3/13/03

203	FULL NAME OF INVENTOR	FIRST Name Douglas	MIDDLE Initial J.	LAST Name SCALAPINO
	RESIDENCE & CITIZENSHIP	City Santa Barbara	State or Foreign Country California	Country of Citizenship USA
	POST OFFICE ADDRESS	4637 Via Carretas	City Santa Barbara	State or Country California

INVENTOR'S SIGNATURE

DATE 3/12/03

COPYLYON & LYON,
DOCKET INFORMATION

197/258

**DECLARATION
AND POWER OF ATTORNEY**
Utility Application

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for

which a patent is sought on the invention entitled SUPERCONDUCTOR CONTROL ELEMENTS FOR RF ANTENNAS, the specification of which

Check One

is attached hereto.
 was filed on August 25, 1992 as
 Application Serial No. 07/934,921
 and was amended on _____

(if applicable)

I have read the applicable statutes and rules reprinted on the reverse side of this declaration which I understand to describe subject matter which is material under 37 CFR 1.56(a).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment(s) referred to above. I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a). I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

Application Number	Country	Date of Filing	Priority Yes ✓	Claimed No ✓
NONE				

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application.

Application Number	Date of Filing	Status—Patented, Pending or Abandoned
NONE		

POWER OF ATTORNEY: As a named inventor, I hereby appoint as my attorneys, with full power of substitution and revocation, to prosecute this application and transact all business in the Patent and Trademark Office connected therewith: Roland N. Smoot, Reg. No. 18,718; Conrad R. Solum, Jr., Reg. No. 20,467; James W. Geriak, Reg. No. 20,233; Robert M. Taylor, Jr., Reg. No. 19,848; Samuel B. Stone, Reg. No. 19,297; Douglas E. Olson, Reg. No. 22,798; Robert E. Lyon, Reg. No. 24,171; James J. Short, Reg. No. 25,922; Robert C. Weiss, Reg. No. 24,939; William E. Thomson, Jr., Reg. No. 20,719; Richard E. Lyon, Jr., Reg. No. 26,300; John D. McConaghay, Reg. No. 26,773; William C. Steffin, Reg. No. 26,811; Coe A. Bloomberg, Reg. No. 26,605; J. Donald McCarthy, Reg. No. 25,119; John M. Benassi, Reg. No. 27,483; James H. Shalek, Reg. No. 29,749; Allan W. Jansen, Reg. No. 29,395; Robert W. Dickerson, Reg. No. 29,914; Kenneth D'Alessandro, Reg. No. 29,144; Roy L. Anderson, Reg. No. 30,240; David B. Murphy, Reg. No. 31,125; Bradford J. Duff, Reg. No. 32,219; James C. Brooks, Reg. No. 29,898; Jeffrey M. Olson, Reg. No. 30,790; and

Reg. No. _____

Send Correspondence to:	LYON & LYON 34th Floor, 611 W. Sixth St. Los Angeles, CA 90017	Direct Telephone Calls to: David B. Murphy/Corrine M. Freeman (213) 489-1600
-------------------------	--	--

201	FULL NAME OF INVENTOR	FIRST Name TIMOTHY	Middle Initial(s) W.	LAST Name JAMES
	RESIDENCE & CITIZENSHIP	City Goleta	State or Foreign Country California	Country of Citizenship U.S.A.
	POST OFFICE ADDRESS	Post Office Address 6248 Marlborough Dr., Goleta,	City California	State or Country

202	FULL NAME OF INVENTOR	FIRST Name LINCOLN	Middle Initial(s) C.	LAST Name BOURNE
	RESIDENCE & CITIZENSHIP	City Santa Barbara	State or Foreign Country California	Country of Citizenship U.S.A.
	POST OFFICE ADDRESS	Post Office Address 405 Orilla del Mar, Apt. B	City Santa Barbara,	State or Country California

203	FULL NAME OF INVENTOR	FIRST Name	Middle Initial(s)	LAST Name
	RESIDENCE & CITIZENSHIP	City	State or Foreign Country	Country of Citizenship
	POST OFFICE ADDRESS	Post Office Address	City	State or Country

204	FULL NAME OF INVENTOR	FIRST Name	Middle Initial(s)	LAST Name
	RESIDENCE & CITIZENSHIP	City	State or Foreign Country	Country of Citizenship
	POST OFFICE ADDRESS	Post Office Address	City	State or Country

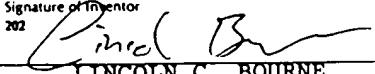
205	FULL NAME OF INVENTOR	FIRST Name	Middle Initial(s)	LAST Name
	RESIDENCE & CITIZENSHIP	City	State or Foreign Country	Country of Citizenship
	POST OFFICE ADDRESS	Post Office Address	City	State or Country

206	FULL NAME OF INVENTOR	FIRST Name	Middle Initial(s)	LAST Name
	RESIDENCE & CITIZENSHIP	City	State or Foreign Country	Country of Citizenship
	POST OFFICE ADDRESS	Post Office Address	City	State or Country

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signature of Inventor 201	
Date	TIMOTHY W. JAMES

Signature of Inventor 204	
Date	

Signature of Inventor 202	
Date	LINCOLN C. BOURNE

Signature of Inventor 205	
Date	

Signature of Inventor 203	
Date	

Signature of Inventor 206	
Date	

(Signatures should conform to names as presented at 201 et seq. above.)



UNITED STATES
PATENT AND
TRADEMARK OFFICE

AUGUST 22, 2003

PTAS

Under Secretary of Commerce For Intellectual Property and
Director of the United States Patent and Trademark Office
Washington, DC 20231
www.uspto.gov

O'MELVENY & MYERS LLP
DAVID B. MURPHY
114 PACIFICA
STE. 100
IRVINE, CA 92618



102405956A

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 03/19/2003

REEL/FRAME: 013892/0552
NUMBER OF PAGES: 6

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

HAMMOND, ROBERT B.

DOC. DATE: 03/13/2003

ASSIGNOR:

SUN. JONATHAN Z.

DOC. DATE: 03/13/2003

ASSIGNOR:

SCALAPINO, DOUGLAS J.

DOC. DATE: 03/13/2003

ASSIGNEE:

SUPERCONDUCTOR TECHNOLOGIES, INC.
460 WARD DRIVE, SUITE F
SANTA BARBARA, CALIFORNIA
93111-
2310

SERIAL NUMBER: 10393089
PATENT NUMBER:

ANTIONE ROYALL, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

3-19-07

04-01-2003

PTO-1595
1-31-92

Docket No. 844,004-290

RECORD

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

102405956

To the Honorable Commissioner of Patents and Trademarks

1. Name of conveying party(ies):

Robert B. Hammond, Jonathan Z. Sun, Douglas J. Scalapino

Additional name(s) of conveying party(ies) attached?

 Yes No

3. Nature of conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other _____

Execution Date: March 13, 2003

2. Name and address of receiving party:

Name: SUPERCONDUCTOR TECHNOLOGIES, INC.

Street Address: 460 Ward Drive, Suite F

City: Santa Barbara State: CA Zip: 93111-2310

Additional name(s) & address(es) attached? Yes No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: March 13, 2003

A. Patent Application No(s):

10393089

Additional numbers attached? Yes No

B. Patent No(s):

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: David B. Murphy
Internal Address: O'MELVENY & MYERS LLP
114 Pacifica, Suite 100
Irvine, California 92618

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$ 40.00

Enclosed
 Charge this Deposit Account if any additional fee is required

8. Deposit Account Number: 500639

DO NOT USE THIS SPACE

9. Statement and signature: To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Date: 3/18/03

Michael S. Davidson, Reg No. 43,577

OMB No. 0651-0011 (exp. 4/94)

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Box Assignments
Washington, D.C. 20231

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03/26/2003 SZEWDIE1 00000076 10393089

03 FC:8021

40.00 0P

CERTIFICATE OF MAILING
(37 C.F.R. §1.10)

I hereby certify that this paper (along with any referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as 'Express Mail Post Office To Addressee' in an envelope addressed to the Commissioner for Patents, Washington, D.C. 20231.

EV208961265US
Express Mail Label No.
3-19-03

Date of Deposit
IRI:1041352.1

Denise M. Doss
Name of Person Mailing Paper
Denise M. Doss

Signature of Person Mailing Paper

ASSIGNMENT OF PATENT APPLICATION

WHEREAS, WE, ROBERT B. HAMMOND, a citizen of the United States, residing at 3245 Campanil Drive, Santa Barbara, California 93109, JONATHAN Z. SUN, a citizen of the United States, residing at 1466 Iroquois Street, Shrub Oak, New York 10588, and DOUGLAS J. SCALAPINO, a citizen of the United States, residing at 4637 Via Carretas, Santa Barbara, California 93110, (hereinafter referred to as "ASSIGNORS"), have invented a certain invention entitled TUNABLE SUPERCONDUCTING RESONATOR AND METHODS OF TUNING THEREOF for which application for Letters Patent of the United States of America is filed herewith, and

WHEREAS, SUPERCONDUCTOR TECHNOLOGIES, INC., a Delaware corporation, having its principle place of business at 460 Ward Drive, Suite F, Santa Barbara, California 93111-2310 (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring the exclusive right, title and interest in, to and under said invention and in, to and under any Patent or similar legal protection to be obtained therefore in the United States of America, its territorial possessions and in any and all countries foreign thereto.

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS hereby sell, assign, transfer and set over unto the said ASSIGNEE, its successors and assigns, the full and exclusive right, title and interest to said invention and to all Letters Patent or application or similar legal protection, not only in the United States and its territorial possessions, but in all countries foreign thereto to be obtained for said invention by said application, and to any continuation, division, renewal, substitute or reissue thereof or any legal equivalent thereof in the United States or a foreign country for the full term or terms for which the

same may be granted, including all priority rights under the International Convention; and
ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue
said Letters Patent or any legal equivalent thereof to said ASSIGNEE, its successors and assigns, in
accordance with this Assignment.

ASSIGNORS hereby covenant that no assignment, sale, agreement or encumbrance has been
or will be made or entered into which would conflict with this Agreement;

ASSIGNORS further covenant that ASSIGNEE will, upon its request, be provided promptly
with all pertinent facts and documents relating to said application, said invention and said Letters
Patent and legal equivalents as may be known and accessible to ASSIGNORS and will testify as to
the same in any interference or litigation related thereto and will promptly execute and deliver to
ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply
for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and
said equivalents in the United States or in any foreign country, which may be necessary or desirable
to carry out the purposes thereof.

WITNESS my hand at Santa Barbara

California, this 12th day of March, 2003.

ROBERT B. HAMMOND

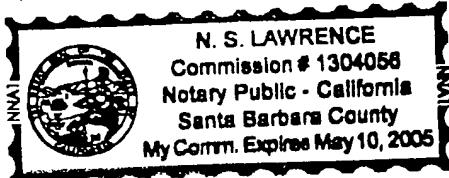
STATE OF CALIFORNIA)
COUNTY OF Santa Barbara)
) ss

On 12 March 2003 before me, Natalie S Lawrence, Notary, personally appeared Robert B Hammontree

personally known to me - OR - proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

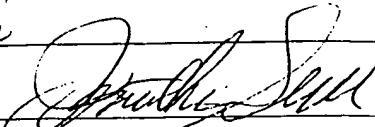
WITNESS my hand and official seal.

Notary Public in and for said County and State



WITNESS my hand at Yorktown Heights New York,

, this 13 day of March, 2003.


JONATHAN Z. SUN

STATE OF California

NEW YORK

COUNTY OF Westchester

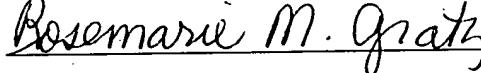
)
) ss YORKTOWN HEIGHTS
)

On 13th May 2003 before me, Jonathan Z. Sun, personally appeared

personally known to me - OR proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Notary Public in and for said County and State


ROSEMARIE M. GRATZ

NOTARY PUBLIC, State of New York
No. 01GR4935297
Qualified in Putnam & Westchester Counties
Commission Expires July 5, 2004

WITNESS my hand at Santa Barbara,

California, this 12th day of March, 2003.

Douglas J. Scalapino
DOUGLAS J. SCALAPINO

STATE OF CALIFORNIA)
COUNTY OF _____)
) SS

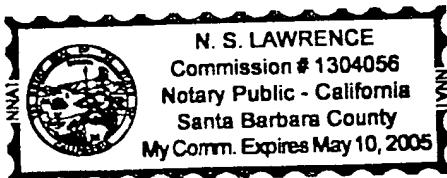
On 12 March 2003 before me, Natalie Lawrence, Notary, personally appeared
Douglas J Scalapino

personally known to me - OR - proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Notary Public in and for said County and State

McLaren





UNITED STATES DEPARTMENT OF COMMERCE

Patent and Trademark Office

ASSISTANT SECRETARY AND COMMISSIONER

OF PATENTS AND TRADEMARKS

Washington, D.C. 20231

DATE: 02/12/93

TO:

DAVID B. MURPHY, ESQ.
CORRINE M. FREEMAN, ESQ.
611 WEST SIXTH STREET
LOS ANGELES, CA 90017

COPY

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT BRANCH OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE U.S. PATENT AND TRADEMARK OFFICE ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT ASSIGNMENT PROCESSING SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT BRANCH, NORTH TOWER BUILDING, SUITE 10C35, WASHINGTON, D.C. 20231

ASSIGNOR:
JAMES, TIMOTHY W.

DOC DATE: 10/08/92

ASSIGNOR:
BOURNE, LINCOLN C.

DOC DATE: 10/08/92

RECORDATION DATE: 10/13/92 NUMBER OF PAGES 006 REEL/FRAME 6366/0063

DIGEST :ASSIGNMENT OF ASSIGNORS INTEREST

ASSIGNEE:
SUPERCONDUCTOR TECHNOLOGIES, INC.
SUITE F, 460 WARD DRIVE
SANTA BARBARA, CA 93111-2310

SERIAL NUMBER 7-934921 FILING DATE 08/25/92
PATENT NUMBER ISSUE DATE 00/00/00

RECEIVED
MAR - 4 1993
U.S. DEPARTMENT

Lucy Stevens
EXAMINER/PARALEGAL
ASSIGNMENT BRANCH
ASSIGNMENT/CERTIFICATION SERVICES DIVISION



CORRECTED
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PATENTS ONLY

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

Lyon & Lyon Docket No. 197/258

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
 TIMOTHY W. JAMES and LINCOLN B. BOURNE

Additional name(s) of conveying party(ies) attached? Yes No3. Nature of conveyance: Assignment Merger
 Security Agreement Change of Name
 Other _____

Execution Date: October 8, 1992

2. Name and address of receiving party(ies):

Name: Superconductor Technologies, Inc.

Internal Address: Suite F

Street Address: 460 Ward Drive

City: Santa Barbara State: California ZIP 93111-2310

Additional name(s) & address(es) attached? Yes No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No(s).

07/934,921

B. Patent No(s).

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: David B. Murphy, Esq./Corrine M. Freeman, Esq.

Internal Address: _____

Street Address: 611 West Sixth Street

City: Los Angeles State: California ZIP 90017

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$ 40.00

 Fee previously submitted - see attached transmittal letter Authorized to be charged to deposit account

8. Deposit Account Number:

12-2475

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

David B. Murphy, Reg. No. 31,125

Name of Person Signing & Reg. No.

12/15/92
Date

10-6

OMB No. 0651-0011 (exp. 4/94)

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REF ID: A6366

OCT
13
1992
U.S. PATENT & TRADEMARK OFFICE

Lyon & Lyon Docket No. 197/258

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1. Name of conveying party(ies):

TIMOTHY W. JAMES and LINCOLN B. BOURNE

Additional name(s) of conveying party(ies) attached? Yes No

3. Nature of conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other _____

Execution Date: _____

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Internal Address: Suite F

Street Address: 460 Ward Drive

City: Santa Barbara State: California ZIP 93111-2310

Additional name(s) & address(es) attached? Yes No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is _____

A. Patent Application No(s).

07/934,921

B. Patent No(s).

OCT 28 1992

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: David B. Murphy, Esq./Corrine M. Freeman, Esq.

Internal Address: Suite 3400

Street Address: 611 West Sixth Street

City: Los Angeles State: California ZIP 90017

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$ 40.00

 Fee included in the enclosed check Authorized to be charged to deposit account

8. Deposit Account Number:

12-2475

(Attach duplicate copy of this page if paying by deposit account.)

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9. Statement and signature:

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Samuel B. Stone, Reg. No. 19,297

Name of Person Signing & Reg. No. 120 11 10726,72 07731721

OMB No. 0651-0011 (exp. 4/94)

Signature 1581 \$ 40.00 C.F.

Date 10/13/92

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A S S I G N M E N T

WHEREAS, We, **TIMOTHY W. JAMES**, a citizen of the United States, residing at 6248 Marlborough Drive, Goleta, California 93117, and **LINCOLN C. BOURNE**, a citizen of the United States, residing at 405 Orilla Del Mar, Apt. B, Santa Barbara, California 93101, (hereinafter referred to as "ASSIGNORS"), have invented and own a certain invention entitled "**SUPERCONDUCTOR CONTROL ELEMENTS FOR RF ANTENNAS**", for which application for Letters Patent of the United States of America was filed on August 25, 1992, Serial No. 07/934,921; and

WHEREAS, **SUPERCONDUCTOR TECHNOLOGIES, INC.**, a corporation organized and existing under and by virtue of the laws of the State of Delaware and having its principal place of business at **460 Ward Drive, Suite F, Santa Barbara, California 93111-2310** (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring the exclusive right, title and interest in, to and under said invention and in, to and under Letters Patent or similar legal protection to be obtained therefor in the United States of America, its territorial possessions and in any and all countries foreign thereto.

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS hereby sell, assign, transfer, and set over unto the said ASSIGNEE, its successors and assigns, the full and exclusive right, title and interest to said invention and to all Letters Patent or similar legal protection, not only in the United States and its territorial

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possessions, but in all countries foreign thereto, to be obtained for said invention by said application or any continuation, division, renewal, substitute or reissue thereof or any legal equivalent thereof in a foreign country for the full term or terms for which the same may be granted, including all priority rights under the International Convention; and ASSIGNS hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent and any legal equivalent thereof to said ASSIGNEE, its successors and assigns, in accordance with this Assignment.

ASSIGNS hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment.

ASSIGNS further covenant that ASSIGNEE will, upon request of ASSIGNEE, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to ASSIGNS and will testify as to the same in any interference or legal proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its designated legal representative any and all papers, instruments, declarations or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent

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and said equivalents thereof in any foreign country which may be necessary or desirable to carry out the purposes thereof.

WITNESS my hand at Santa Barbara, California,
this 8th day of October, 1992.

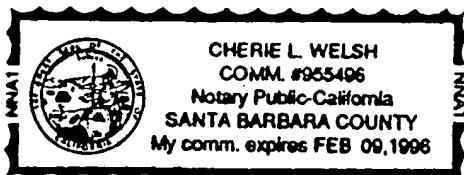
Timothy W. James

TIMOTHY W. JAMES

STATE OF CALIFORNIA)
) ss.
COUNTY OF Santa Barbara)

On this 8th day of October, 1992, before
me, a Notary Public, personally appeared **TIMOTHY W. JAMES** known to
me (~~or proved to me on the basis of satisfactory evidence~~) to be
the person whose name is subscribed to the within instrument and
acknowledged to me that he executed the same in his authorized
capacity and that by his signature on the instrument the person, or
the entity upon behalf of which the person acted, executed the
instrument.

WITNESS my hand and official seal.



Cherie L. Welsh

Notary Public in and for
said County and State

FILED 6366 FEB 10 1992

WITNESS my hand at Santa Barbara, California,
this 8th day of October, 1992.

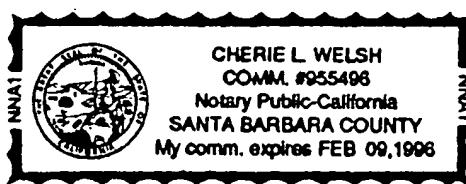
L. C. Bourne
LINCOLN C. BOURNE

STATE OF CALIFORNIA)
COUNTY OF Santa Barbara)
ss.

COUNTY OF Santa Barbara,
on this 8th day of October, 1992, before
me, a Notary Public, personally appeared LINCOLN C. BOURNE known to
me ~~or proved to me on the basis of satisfactory evidence~~ to be
the person whose name is subscribed to the within instrument and
acknowledged to me that he executed the same in his authorized
capacity and that by his signature on the instrument the person, or
the entity upon behalf of which the person acted, executed the
instrument.

WITNESS my hand and official seal.

Seal



Notary Public in and for
said County and State

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POWER OF ATTORNEY
By Assignee

Superconductor Technologies, Inc., assignee(s) of the application for United States Letters Patent for an improvement in

TUNABLE SUPERCONDUCTING RESONATOR AND METHODS OF TUNING THEREOF
by Timothy James, Lincoln Bourne, Robert B. Hammond, Jonathan Z. Sun, Douglas J. Scalapino

the specification of which:

is filed herewith, OR
 as filed on _____, having U.S. Patent Application Serial No. _____.

does hereby appoint as my attorneys and/or agents, with full power of substitution and revocation, to prosecute this application and transact all business in the United States Patent and Trademark Office, and in countries other than the United States, and to do all things necessary or appropriate therefor before any competent International Authorities in connection with any international patent application(s) corresponding to the above-identified application, all of the registered practitioners identified by Customer Number 34263:


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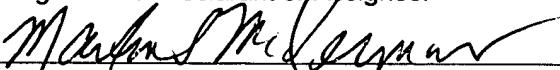
O'MELVENY & MYERS LLP
114 Pacifica, Suite 100
Irvine, CA 92618
(949) 737-2900

Please send all correspondence to the attention of David B. Murphy, at the above Customer Number, and direct all telephone calls to (949) 737-2900.

I, the undersigned, declare that I have reviewed copies of the documentary evidence establishing chain of title to the patent application identified above from the inventor(s) to the assignee(s), which:

is filed for recordation herewith; and
 was recorded at Reel 6366, Frame 0063; or
 has been sent for recordation under separate cover, copy attached herewith.

To the best of the undersigned's knowledge and belief, title is in the assignee(s) identified above. Furthermore, the undersigned is empowered to sign this document on behalf of the assignee(s).

Full Name of Assignee: <u>Superconductor Technologies, Inc.</u>	
Post Office Address: <u>460 Ward Drive, Suite F, Santa Barbara, CA 93111-2310</u>	
Signature of Declarant or Assignee: 	Date: <u>3/14/03</u>
Full Name of Declarant	
If Other Than Assignee: <u>Martin S. McDermut</u>	
Title of Declarant: <u>Chief Financial Officer</u>	
Address of Declarant: <u>460 Ward Drive, Suite F, Santa Barbara, CA 93111-2310</u>	

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